

WHAT IS CLAIMED IS:

1. A disk apparatus for loading and driving an optical disk,  
and for recording or reproduction of data on the optical disk,

5 wherein the disk apparatus comprising: first release  
means and second release means for externally manipulating a  
mechanism for unloading a loaded optical disk,

wherein manipulation of the second release means  
forcibly unloads the loaded optical disk by manipulation of  
10 the first release means.

2. The disk apparatus according to Claim 1, wherein  
the driving of a spindle motor for rotating the optical  
disk is stopped by the manipulation of the first release  
15 means.

3. A slot-in type disk apparatus for loading and driving an  
optical disk, and for recording or reproduction of data on the  
optical disk, wherein the disk apparatus comprising:

20 a loading gear unit for loading and unloading the optical  
disk;

a rack gear unit for interlocking with the loading gear  
unit;

25 first release means for the loading gear unit being  
manipulatable externally; and

second release means for the rack gear unit being  
manipulatable externally,

wherein a manipulation-protected state of the rack gear  
unit is released by manipulation of the loading gear unit.

30 4. The disk apparatus according to Claim 3, wherein the rack  
gear unit switches to a floating state to enable the unloading  
manipulation of the optical disk by the manipulation of the  
loading gear unit.

5. A disk apparatus for loading and driving an optical disk, and for recording or reproduction of data on the optical disk, wherein the disk apparatus comprising:

5 first release means and second release means for externally manipulating through an emergency through hole provided in an apparatus casing; and

an emergency unloading mechanism for stopping driving of a spindle motor for rotating the optical disk by manipulation  
10 of the first release means, and for unloading forcibly a loaded optical disk by manipulation of the second release means.